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| Digital Simplex Repeaters | K4YKZ | a cross between packet radio and repeaters | Jun 48 |
| Everybody Equalize! | K9EID | optimizing microphone response | Dec 44 |
| Future Hams of America | Azzalina | 8,000 people meet ham radio | Jul 44 |
| Genius Brings Home the Bacon | Phenix | the Mobius antenna takes on a new twist | Jul 52 |
| HAMS Against Drunk Driving | KB6HQS | something your club can do | Jul 38 |
| Hams In Space | KW1O | W5LFL and W8ORE talk about their flights | Jun 34 |

| | | | | |
|---|---|---|---|---|
| How To Build A Great Ham Club | W2NSD/1 | advice from Wayne | Jul | 26 |
| Instruction Instructions | N6HYK | what's missing from them | Mar | 50 |
| Japan's Hush-Hush Rushbox | PA0SE | secret radio from WWII | Mar | 9 |
| Lightning Never Strikes | W0WUZ | practical lightning protection | Aug | 79 |
| Little or No Resistance | AJ0N | mysterious world of superconduction | Jan | 36 |
| Lousy Inconsiderate Dummies | W2NSD/1 | lids we love to hate | May | 28 |
| Make the Switch to PIN Diodes | OA4KO/YV5 | replace relays with silent diodes | Oct | 28 |
| No Free Lunches | W6HDM | perpetual motion update | Nov | 42 |
| Nobody Died | KT2B | experiences of a first-time contester | Dec | 40 |
| Publish Or Perish | N1BLH | how to do a club newsletter | Jul | 48 |
| Some Guys Make It | K2ORS | classic humor from 73's cellar | Jun | 46 |
| The Day the Aliens Landed in Limerick, Maine | W1ROM | the ultimate eyeball QSO | May | 38 |
| The Dayton Hamvention '86 | WA4BPI | preview of attractions | Apr | 20 |
| The End of the Rope | K9AZG | the 1986 Ham Humor Award winner | Oct | 38 |
| The Potabilities Are Endless! | KA7AWD | how to pot a project | Apr | 57 |
| This Pileup's For You! | K2SDD | how to generate them | Dec | 46 |
| Total Solar | WB8VGE | turn sunshine into sine waves | May | 60 |
| Troubleshooting With the DMM | Davidson | step-by-step tutorial | Jul | 58 |

**Mobile**

| | | | | |
|---|---|---|---|---|
| A Pedal-Pushing Power Plant | WA6WTE | bicycle power generator | Nov | 50 |
| Faster Than A Patch, It's Speed Dialer | K7UKW | one-button autodialer | Mar | 20 |
| Hams In Space | KW1O | W5LFL and W0ORE talk about their flights | Jun | 34 |
| Kit Corner: the DSE Radio Direction Finder | Swain | Australian RDFing | Jul | 64 |
| Radio to Go | WB8WPY | inexpensive VOX headset | May | 68 |
| The Missing Link | WB2REM | HT control of your HF station | Sep | 42 |
| The Ramada Radiator | WA5WVF | $10 all-band portable antenna | Sep | 52 |
| 132 Extra Memories for Your FT-107M | LU2HPA/N6JC | three cents per | Mar | 32 |

**Modifications**

| | | | | |
|---|---|---|---|---|
| Agc, PDQ | KX6E | simple add-on agc | May | 66 |
| Army Surplus CW | W6MFL, WL7AKZ | the Special Forces PRC-64 | May | 36 |
| Build a Dynamic Duo | VE1VQ | speaker/mike and 12-V adapter for your HT | Feb | 40 |
| Double Your Computing Power! | NO6M | add a second keyboard to your CoCo | Jan | 50 |
| Everybody Equalize! | K9EID | optimizing microphone response | Dec | 44 |
| Genius Brings Home the Bacon | Phenix | the Mobius antenna takes on a new twist | Jul | 52 |
| Make The Switch | WB2JJX | add WARC bands to your boat anchor | Dec | 26 |
| New Bands for Old Rigs | GW3SB | add three WARC bands onto your boat anchor | Feb | 16 |
| Radio to Go | WB8WPY | inexpensive VOX headset | May | 68 |
| Razzle-Dazzlin' Your Azden | K7UKW | multi mods for the PCS-2000 | Feb | 20 |
| Rebirth of the Eico 221 | W5VTJ | super-sensitive surplus voltmeter | Feb | 51 |
| Run Silent, Run Beep | PY2AUC | scan indicator for the FT-227RB | Jan | 40 |
| Scanning the TR-2400 | WB8IKO | quick and dirty | Feb | 42 |
| The Piggy-Bank Patch | KT2B | autopatch for the Piggy-Bank repeater | Jul | 40 |
| The RIT Stuff | K1NYX | RIT for the FT-101E | Feb | 44 |
| Those Tantalizing Twos | AL7DS | scanning for the IC-2AT and -02AT | Jun | 60 |
| Up, Down, and All Around | WA2AXO | scanning for the KDK 2016A | Feb | 36 |
| VIC RAMification: Part III | W6LOB | more RAM for your VIC-20 | Feb | 26 |
| WARC, Rest, and Play | K7KQ | add 10 MHz to the FT-101Z | Feb | 62 |
| What You See Is Where You're At: Part II | WA8YKN | universal digital frequency display | May | 54 |

**New Products**

| | | | | |
|---|---|---|---|---|
| 20Ace Communications | | IECS-200 communication system | Jul | 21 |
| Advanced Computer Controls | | RC-850 software | Apr | 18 |
| Advanced Design Networks | | Microloop antennas | Aug | 23 |
| AEA | | PK-232 multimode controller | Aug | 22 |
| Alumа Tower | | communication tower | Jul | 20 |
| Amateur Packet Alaska | | APA VHF/UHF Switch | May | 18 |
| Antenna Specialists | | mobile CB antennas | Sep | 21 |
| Antenna Specialists | | sector antennas | Dec | 18 |
| Antique Electronic Supply | | one-tube radio kit | Jan | 76 |
| A.P.E. | | desoldering tools | Apr | 19 |
| A.P.E. | | Micro-Clean | Nov | 18 |
| A.P.E. | | PCB repair kit | Jul | 20 |
| ARCsoft | | 1986 Space Satellite Handbook | Jan | 76 |
| Bird Electronic | | catalog | Jul | 21 |
| C. Itoh | | color DMPs | Sep | 20 |
| Cambridge Airadio | | air traffic guide | Dec | 19 |
| CCIE Manufacturing | | Commander II VHF amp | Dec | 19 |
| Celwave | | mobile catalog | Aug | 22 |
| CES | | BeamCalc Software Toolbox | Jan | 76 |
| Coaxial Dynamics | | meters | Jul | 21 |
| Communications Specialists | | DI-16 surge suppressor | Feb | 67 |
| Communications Specialists | | TS-32HBH encoder/decoder | Apr | 18 |
| Computer Aided Instructional Systems | | Tekdraw | Aug | 23 |
| Contact East | | tool catalog | Feb | 66 |
| Crowley Manufacturing | | Delta-Zulu IC-2AT case | Jan | 77 |
| Cushcraft | | arrestors | Sep | 20 |
| Davis Tech | | CO-AX3 cable stripper | Jul | 21 |
| Davis Tech | | CTK-8 crimping kit | Jan | 76 |
| Davis Tech | | PRB-50 digital logic probe | Oct | 17 |
| Davis Tech | | tool cases | Nov | 19 |
| Diamond Systems | | ham tests | Nov | 18 |
| Dick Smith Electronics | | Australis I satellite receiver kit | Jan | 76 |
| E.F. Johnson | | Challenger mobile radios | Aug | 22 |
| Electronic Specialists | | Modem/Power/Static Pac | Feb | 66 |
| Electronic Specialists | | PDS-11 modem protection | Dec | 18 |
| Electronic Specialists | | UPS | Apr | 18 |
| Encomm | | Santec ST-20T | Jan | 76 |
| Etron Enterprises | | Rf Notes 2 software | Mar | 65 |
| Etron Enterprises | | Rf Notes 3 software | Jun | 18 |
| Everett/Charles | | Super Modem 1200 | Jan | 76 |
| Fox Tango | | newsletter index | May | 18 |
| Girard Electronics | | Protoflex-III | Nov | 19 |
| Grove Enterprises | | Communications Satellites | Dec | 19 |
| Grove Enterprises | | Monitoring Times | Mar | 65 |
| Grove Enterprises | | | | |
| Grove Enterprises | | | | |
| Grove Enterprises | | | | |
| Hamilton and Area Packet Network | | | | |
| Hamtronics | | | | |
| Hamtronics | | | | |
| Hamtronics | | | | |
| Heathkit | | | | |
| Heathkit | | | | |
| Heathkit | | | | |
| Howard Sams & Co. | | | | |
| Howard Sams & Co. | | | | |
| Howard Sams & Co. | | | | |
| ICOM | | | | |
| ICOM | | | | |
| ICOM | | | | |
| ICOM | | | | |
| ICOM | | | | |
| International Radio | | | | |
| J.S. Technology | | | | |
| Jensen Tools | | | | |
| Jensen Tools | | | | |
| Jensen Tools | | | | |
| Kalglo | | | | |
| Kalglo | | | | |
| Kantronics | | | | |
| Kaul-Tronics | | | | |
| KB1T Radio Specialties | | | | |
| Kenwood | | | | |
| Kenwood | | | | |
| Larsen | | | | |
| Larsen | | | | |
| Larsen | | | | |
| Lynx | | | | |
| MFJ | | | | |
| Meadowlake | | | | |
| Medford Specialized Services | | | | |
| Mercer Electronics | | | | |
| Mercer Electronics | | | | |
| Mercer Electronics | | | | |
| Mercer Electronics | | | | |
| Metz | | | | |
| Microwave Modules | | | | |
| Microwave Modules | | | | |
| Midland | | | | |
| Miracle Rod | | | | |
| Mirage/KLM | | | | |
| Multibotics | | | | |
| NES | | | | |
| Naval Electronics | | | | |
| Nel-Tech Labs | | | | |
| Nemal | | | | |
| Ohm/Electronics | | | | |
| Orion Hi-Tech | | | | |
| Ovonic | | | | |
| P.C. Electronics | | | | |
| PacComm | | | | |
| Palomar Engineers | | | | |
| R. A. Kent | | | | |
| Radio Engineers | | | | |
| Rapid Systems | | | | |
| Rapitech Systems | | | | |
| Regency Electronics | | | | |
| Regency Electronics | | | | |
| Regency Electronics | | | | |
| Resultant Engineering | | | | |
| Selco Products | | | | |
| Selectone | | | | |
| Selectone | | | | |
| Sencore | | | | |
| Shure Brothers | | | | |
| Sibex | | | | |
| Sony | | | | |
| Standard Communications | | | | |
| Stone Mountain Engineering | | | | |
| TAB Books | | | | |
| Technigroup | | | | |
| Torontel | | | | |
| Trio Technology | | | | |
| Uncle Bill's Fine Software | | | | |
| Uncle Bill's Fine Software | | | | |
| VoCom | | | | |
| Winner's Edge Software | | | | |
| Winner's Edge Software | | | | |
| Wm. M. Nye | | | | |
| Xcelite | | | | |
| Xcelite | | | | |
| Xcelite | | | | |
| Yaesu | | | | |
| Yaesu | | | | |
| Yaesu | | | | |
| Omni antenna | | | Mar | 64 |
| Scanner Beam | | | Feb | 66 |
| The Listener's Handbook | | | Mar | 65 |
| IBM PC packet adapter | | | Apr | 18 |
| catalog | | | Jul | 21 |
| GaAsFET preamps | | | Feb | 66 |
| low-band preamps | | | May | 19 |
| catalog | | | Oct | 17 |
| HD-1422 antenna noise bridge | | | Feb | 66 |
| HW-8502 transceiver | | | Apr | 18 |
| Basic Electricity series | | | May | 18 |
| Commodore ham software | | | Dec | 19 |
| IC Op-Amp Cookbook | | | Oct | 16 |
| IC-A2 accessories | | | Sep | 21 |
| IC-03AT and IC-u2AT | | | Nov | 18 |
| IC-28A/28H mobiles | | | Jun | 18 |
| IC-48A | | | Aug | 22 |
| IC-751A HF transceiver | | | May | 18 |
| 8-pole crystal filters | | | Aug | 22 |
| sinadaptor | | | Sep | 20 |
| JTK-84 tool kit | | | Nov | 18 |
| tool catalog | | | Jun | 18 |
| tool catalog | | | Nov | 19 |
| LS250 UPS | | | Jun | 18 |
| Mini-II surge suppressor | | | Feb | 66 |
| KPC-2 TNC | | | Apr | 19 |
| mesh antenna | | | Nov | 18 |
| photo calendar | | | Nov | 19 |
| R-5000 | | | Nov | 18 |
| TM-2570A/2550A/2530A | | | Feb | 66 |
| KG-450 antenna | | | Jun | 18 |
| Kulduckie 2m portable whip | | | Jul | 20 |
| YA5 yagis | | | Sep | 20 |
| QC-100 cable-tie tool | | | Jul | 20 |
| Video Effects Titler | | | Jan | 76 |
| TEC-200 image film | | | Jan | 76 |
| aluminum blazing rod | | | Jun | 18 |
| 9120 VOM | | | Jun | 19 |
| 9310 DMM | | | Oct | 17 |
| 9340 pocket DMM | | | Dec | 18 |
| 9370 digital multimeter | | | Aug | 22 |
| stainless-steel antenna systems | | | May | 19 |
| MML 144/200S amplifier | | | Apr | 18 |
| MMT144/28R multimode transverter | | | Jan | 77 |
| 16-channel HT | | | Feb | 66 |
| brazing rods | | | Aug | 23 |
| 1260 beam | | | Oct | 16 |
| robotics workshops | | | Jul | 20 |
| Slimline ohmmeter | | | Mar | 64 |
| voice-operated squelch | | | Oct | 16 |
| digital voice keyer | | | Sep | 20 |
| connectors | | | Jun | 19 |
| Scooter surge protector | | | Nov | 18 |
| RC5A antenna rotators | | | Jul | 20 |
| Compact Silent Generator | | | Jun | 18 |
| GaAsFET ATV downconverter | | | Sep | 20 |
| TNC-200 | | | Feb | 66 |
| Tuner Tuner | | | Sep | 21 |
| Morse key kit | | | Jul | 21 |
| oscilloscope frequency extenders | | | Oct | 16 |
| 4X4 digital oscilloscope | | | Oct | 16 |
| Acticon connector | | | Jun | 18 |
| HX1200 scanner | | | Apr | 18 |
| HX1500 scanner | | | Oct | 17 |
| MX-5500 scanner | | | May | 18 |
| R-2000 repeater controller | | | Jul | 21 |
| custom-printed knobs and dials | | | Aug | 22 |
| CTCSS encoder/decoder | | | Jul | 21 |
| ST-130 Digitone CTCSS encoder | | | Jan | 76 |
| Z-Meter 2 | | | Jul | 20 |
| 550L microphones | | | Oct | 16 |
| 610 oscilloscope memory | | | Jul | 20 |
| ICF-2010 | | | Dec | 19 |
| RP70K | | | Dec | 18 |
| 757 QSYer | | | Dec | 19 |
| DX Power: Effective Techniques for Radio Amateurs | | | May | 18 |
| TravelComm 1200 | | | Aug | 23 |
| SSTV system | | | Nov | 18 |
| PC Code-Pro | | | Dec | 19 |
| antenna design package | | | Mar | 65 |
| Commodore code course | | | Mar | 64 |
| power amps | | | Feb | 66 |
| Contester II | | | May | 18 |
| CQWW module | | | Oct | 17 |
| QRG Display | | | Jul | 21 |
| coaxial stripper | | | Oct | 17 |
| crimper | | | Dec | 18 |
| cutting pliers | | | Nov | 19 |
| AD-2 Duplexer | | | Sep | 21 |
| FT-767GX | | | Aug | 22 |
| YS-60/500 meters | | | Mar | 65 |

**Power Supplies**

| | | | | |
|---|---|---|---|---|
| A Better Money-Maker | WA6TTY | 13.8-V 20-Amp power supply | Jan | 42 |
| A Pedal-Pushing Power Plant | WA6WTE | bicycle power generator | Nov | 50 |
| A Power Supply Primer: Part I | K4IPV | everything you need to know about dc | Nov | 26 |
| Total Solar | WB8VGE | turn sunshine into sine waves | May | 60 |

**Receiving**

| | | | | |
|---|---|---|---|---|
| A Connoisseur's Microwave Converter | Harry | cheap and good | Apr | 45 |

| | | | |
|---|---|---|---|
| Agc, PDQ | KX8E | simple add-on agc | May 66 |
| Halt That Hum! | WA4WDL | filter for 60-Hz hum | Mar 17 |
| Just the FAX, Ma'am | WB8TPD | one-chip WEFAX decoder for the C-64 | Oct 24 |
| Make The Switch | WB2JJX | add WARC bands to your boat anchor | Dec 26 |
| Microwave Building Blocks: The I-f Amplifier | WB6IGP | one tiny chip does it all | Oct 42 |
| Narrow-Minded Filtering | WA3IAC | one-chip switched cap filter | Dec 48 |
| One Band, One Transistor | WB2EUF | quick and dirty pocket receiver | Oct 54 |
| Razor-Sharp CW | N6HI | is an 80-Hz filter too wide? | Feb 10 |
| Shoestring Shortwave | K1CLL | simple shortwave receive converter | Oct 34 |
| Subaudible Snooping | KE6VK | very-low-frequency counter | Nov 48 |
| Super-Selectable Bandpass Filters | PA0SE | the ultimate i-f filter | Feb 54 |
| The DXer's SCF | NB9K | the ultimate switched cap filter | Oct 46 |
| The Hula Hoop Loop Revisited | W6QIF | deep nulls for the low bands | May 42 |
| The RIT Stuff | K1NYX | RIT for the FT-101E | Feb 44 |
| Transmitter Hunters: Here's Your Ammo For Tracking | WB0CMC | ultra-sensitive 2m fox-hunter | May 50 |
| Two to Ten | WB5IPM | transceiving converter | Jun 38 |
| WARC, Rest, and Play | K7KQ | add 10 MHz to the FT-101Z | Feb 62 |

**Repeaters**

| | | | |
|---|---|---|---|
| CoCo's Compu-Charger | K2OAW | world's smartest NiCd conditioner | Sep 70 |
| Digital Simplex Repeaters | K4YKZ | a cross between packet radio and repeaters | Jun 48 |
| Run Silent, Run Beep | PY2AUC | scan indicator for the FT-227RB | Jan 40 |
| The Piggy-Bank Patch | KT2B | autopatch for the Piggy-Bank repeater | Jul 40 |
| Those Tantalizing Twos | AL7DS | scanning for the IC-2AT and -02AT | Jun 60 |

**Reviews**

| | | | |
|---|---|---|---|
| AEA | AE5V | Hamcom Terminal Software | Aug 26 |
| AEA | KW1O | PAKRATT 232 | Dec 24 |
| AEA | K9EI | PK-64 PAKRATT | Feb 72 |
| Alinco Electronics | KT2B | ELH-220GF power amplifier | Nov 20 |
| Ampro | WA8WTE/4 | Little Board | Aug 24 |
| Dick Smith Electronics | KT2B | Commander VHF FM transceiver | May 26 |
| Dick Smith Electronics | WB6PHE | 100-W VHF amplifier kit | Nov 22 |
| Dick Smith Electronics | WB6PHE | 440-MHz mobile transceiver | Oct 18 |
| G.W. Morse Keys | VE7BS | PEP/B conversion module | Feb 73 |
| Gary Field | KR3T | WA1GRC TPS-1 power-supply kit | Feb 73 |
| Heathkit | N1BLH | HD-3030 interface | Jul 23 |
| Heathkit | N1BLH | HO-5404 station monitor | Sep 24 |
| Heathkit | N1BLH | HOA-5404-1 Pan Adapter | Oct 20 |
| Heathkit | KW1O | HS-148 computer | Dec 22 |
| Heathkit | Danzer | IO-4225 oscilloscope | May 22 |
| Heathkit | KW1O | IP-2760 Battery Eliminator | Nov 24 |
| Horse Sense Software | KW1O | Radio Interference Analysis | Jan 68 |
| Horse Sense Software | KW1O | Radio System Design Calculations | Jan 68 |
| ICOM | KT2B | IC-1271A 23-cm multimode | Sep 22 |
| ICOM | W1XU | IC-27A | Jan 70 |
| ICOM | KT2B | IC-471A | Jun 20 |
| Isotron | KF4PW | 160m antenna kit | Mar 56 |
| Kenwood | KT2B | TH-31AT | Jul 22 |
| Kenwood | KT2B | TS-811A | Jun 20 |
| Kit Corner: Build A Two-Tube Vintage Receiver | Whitby | | Sep 68 |
| Kit Corner: The DSE 500-MHz Frequency/Period Counter | KW1O | | Aug 90 |
| Lance Johnson Engineering | KW1O | Kansas City Keyer | Mar 56 |
| MFJ | N1BLH | MFJ-1207 TNC-2 | Jun 24 |
| Microwave Modules | KT2B | MML/200-S power amplifier | Mar 62 |
| Microwave Modules | KT2B | MMT 144/28R transverter | Mar 59 |
| Mirage/KLM | KT2B | C22 A power amplifier | Nov 20 |
| Nel-Tech | WB8BTH | DVK-100 digital voice keyer | Dec 20 |
| Regency Electronics | N1BLH | MX-7000 | May 20 |
| SSB Electronics | KT2B | MV 220 preamplifier | Apr 84 |
| SSB Electronics | KT2B | PA2310 power amplifier | Apr 83 |
| Tonna | KT2B | 55-element antenna | Apr 83 |
| Triangle Electronics Laboratories | KF4PV | MK-800 memory keyer | Jan 68 |
| Twin Oaks Associates | WD9EDT | C.W. Tutorsoft and C.C. Testmaster | Feb 72 |
| Uniden-Bearcat | N1BLH | 800XTL | May 20 |
| Yaesu | WB9LSS | FT-209RH HT | Jan 66 |
| 73's Packet Buying Guide | Staff | goodies and where to get them | Aug 88 |

**RTTY**

| | | | |
|---|---|---|---|
| A Packet Primer | W1BEL | the mechanics of packet | Aug 28 |
| And If That Isn't Enough . . . | NK6K | packet Q&A | Aug 80 |
| Beyond Level Two | KA9Q | packet networking | Aug 74 |
| Birds 'N' Bauds | NK6K et al | flying packet satellites | Aug 58 |
| Commodore's RTTY Riot | WB8CHK, WB8YOB | put your C-64 on RTTY | Nov 34 |
| Connect Alarm! | K7YZZ | one-hour u-build-it | Aug 66 |
| How To Make Friends At 1200 Baud | W2JUP | operating packet | Aug 34 |
| On The Shelf | NK6K | packet bibliography | Aug 86 |
| Precision Packet Tuning | WB2OSZ | world's best packet/RTTY tuning indicator | Aug 40 |
| Roll A RTTY Scope | WA8MRG | tuning indicator with built-in CRT | Jul 28 |
| Seeing Packet Radio With Different Eyes | N7FDS | how a blind ham copes with packet | Aug 48 |
| So You Want To Be A Sysop? | WB2MNF | secrets of a successful packet BBS | Aug 50 |
| Survival Training For Mountaintop Digipeaters | WB6RAL | practical tips | Aug 68 |
| Terminal Teletype | W3RWU | RTTY for the H-89 | Apr 62 |
| The Perfect RTTY Filter | WA8MRG | less than $10 | Jan 46 |
| Working 2ICTU | WB8OMK | two-chip RTTY TU | Jan 54 |

**Test Gear**

| | | | |
|---|---|---|---|
| Don't Be A Kamikaze! | KA4J | improvement on the suicide cord | Mar 30 |
| Rebirth of the Eico 221 | W5VTJ | super-sensitive surplus voltmeter | Feb 51 |
| Rock Solid Rf | Oclepka | PLL-based frequency synthesizer | Apr 74 |
| Roll A RTTY Scope | WA8MRG | tuning indicator with built-in CRT | Jul 28 |
| Subaudible Snooping | KE6VK | very-low-frequency counter | Nov 48 |
| They Threw What Away? | WA8WTE | surplus UHF swr bridges | Jun 58 |
| Troubleshooting With the DMM | Davidson | step-by-step tutorial | Jul 58 |
| Your Bridge Over Troubled Antenna Tuning | W3MT | matching box | Apr 24 |

**Theory**

| | | | |
|---|---|---|---|
| A Packet Primer | W1BEL | the mechanics of packet | Aug 28 |
| A Power Supply Primer: Part I | K4IPV | everything you need to know about dc | Nov 26 |
| A Simple Way to Measure SSB PEP | W5VSR | use a little common sense | Oct 40 |
| And If That Isn't Enough . . . | NK6K | packet Q&A | Aug 80 |
| Are Sine Waves Sacred? | W6HDM | the benefits of trapezoidal power | May 44 |
| Beyond Level Two | KA9Q | packet networking | Aug 74 |
| Birds 'N' Bauds | NK6K et al | flying packet satellites | Aug 58 |
| Build A Digital IC Trainer | WB4YOD/PW8ZAF | for the experimenter | Mar 40 |
| Defuse RFI | W0WUZ | the coaxial ground revisited | Nov 32 |
| Digital Simplex Repeaters | K4YKZ | a cross between packet radio and repeaters | Jun 48 |
| Easy Digitrl Circuit Analysis | K5VKQ | Boolean algebra for the masses | Apr 68 |
| Genius Brings Home the Bacon | Phenix | the Mobius antenna takes on a new twist | Jul 52 |
| How To Make Friends At 1200 Baud | W2JUP | operating packet | Aug 34 |
| Japan's Hush-Hush Rushbox | PA0SE | secret radio from WWII | Mar 9 |
| Little or No Resistance | AJ0N | mysterious world of superconduction | Jan 36 |
| Make the Switch to PIN Diodes | OA4KO/YV5 | replace relays with silent diodes | Oct 28 |
| Messing With Microwaves | Neal | construction techniques | Jun 52 |
| New Bands for Old Rigs | GW3SB | add three WARC bands onto your boat anchor | Feb 16 |
| No Free Lunches | W6HDM | perpetual motion update | Nov 42 |
| On The Shelf | NK6K | packet bibliography | Aug 86 |
| Resonant Wire Antennas | W0VM | random-length wires | Sep 60 |
| Rock Solid Rf | Oclepka | PLL-based frequency synthesizer | Apr 74 |
| Scaling the Wet Noodle | W5RRH | modeling low-band antennas | Sep 40 |
| Seeing Packet Radio With Different Eyes | N7FDS | how a blind ham copes with packet | Aug 48 |
| Selcal and State Machines | WA7NBF | state machine tutorial | Jan 28 |
| So You Want To Be A Sysop? | WB2MNF | secrets of a successful packet BBS | Aug 50 |
| Super-Selectable Bandpass Filters | PA0SE | the ultimate i-f filter | Feb 54 |
| Survival Training For Mountaintop Digipeaters | WB6RAL | practical tips | Aug 68 |
| The Care & Feeding of a Curved Linear Array Antenna System | N6BIS | all-band trailer installation | Apr 30 |
| The Match Maker | VE3LMP | what's all this about impedance matching? | Apr 38 |
| Transistors On The Bias | W6WTU | how to bias transistor amps | Nov 40 |
| Trap An Amazon Aerial | WB4YOD/PW8ZAF | home-brew your own traps | Sep 56 |
| Troubleshooting With the DMM | Davidson | step-by-step tutorial | Jul 58 |
| Watts My Line | K4IPV | Basic transmission line design program | Sep 36 |
| Yesterday's Circuits Today | W6HDM | favorite tube circuits | Feb 28 |

**Transmitting**

| | | | |
|---|---|---|---|
| A Simple Way to Measure SSB PEP | W5VSR | use a little common sense | Oct 40 |
| A VOX In A Box | K1NYK | endless-loop CQer | Dec 34 |
| Everybody Equalize! | K9EID | optimizing microphone response | Dec 44 |
| Make The Switch | WB2JJX | add WARC bands to your boat anchor | Dec 26 |
| Malley's Manchester Monitor | K1NYK | monitor your transmitted audio | Apr 66 |
| Two to Ten | WB5IPM | transceiving converter | Jun 38 |
| WARC, Rest, and Play | K7KQ | add 10 MHz to the FT-101Z | Feb 62 |

**VHF/UHF**

| | | | |
|---|---|---|---|
| A Connoisseur's Microwave Converter | Harry | cheap and good | Apr 45 |
| Antennas Should Be Heard, Not Seen | KC3HW | 2m hidden J-pole | Apr 42 |
| Birds 'N' Bauds | NK6K et al | flying packet satellites | Aug 58 |
| Build a Dynamic Duo | VE1VQ | speaker/mike and 12-V adapter for your HT | Feb 40 |
| Digital Simplex Repeaters | K4YKZ | a cross between packet radio and repeaters | Jun 48 |
| Dishing It Out On 10 GHz | WB6IGP | microwave feeds and antennas | Sep 46 |
| Faster Than A Patch, It's Speed Dialer | K7UKW | one-button autodialer | Mar 20 |
| Messing With Microwaves | Neal | construction techniques | Jun 52 |
| Microwave Building Blocks: The I-f Amplifier | WB6IGP | one tiny chip does it all | Oct 42 |
| Nobody Died | KT2B | experiences of a first-time contester | Dec 40 |
| Razzle-Dazzlin' Your Azden | K7UKW | multi mods for the PCS-2000 | Feb 20 |
| Run Silent, Run Beep | PY2AUC | scan indicator for the FT-227RB | Jan 40 |
| Scanning the TR-2400 | WB8IKO | quick and dirty | Feb 42 |
| Speed-Charge Your PB-21 | WA8IZV | fast charger for the TH-21 | May 32 |
| The Piggy-Bank Patch | KT2B | autopatch for the Piggy-Bank repeater | Jul 40 |
| They Threw What Away? | WA8WTE | surplus UHF swr bridges | Jun 58 |
| Those Tantalizing Twos | AL7DS | scanning for the IC-2AT and -02AT | Jun 60 |
| Transmitter Hunters: Here's Your Ammo For Tracking | WB0CMC | ultra-sensitive 2m fox-hunter | May 50 |
| Up, Down, and All Around | WA2AXO | scanning for the KDK 2016A | Feb 36 |